

DIRECT-TYPE BACKLIGHT UNIT FOR FLAT PANEL LIQUID CRYSTAL DISPLAY

Abstract

A direct-type backlight unit for flat panel liquid crystal display is provided. The direct-type backlight unit includes a plurality of lamps installed within a housing. A reflection plate is installed under the plurality of lamps in the housing. A diffusion film with a plurality of apertures thereon is installed above the plurality of lamps for diffusing light generated by the plurality of lamps. An optic focusing film is located on the diffusion film. The flat panel liquid crystal display is located above the optic focusing film.